

Zezheng (Leo) Li | leo.li@nyu.edu | 347-247-9589 | [Github](#) [LinkedIn](#)

Education **New York University | BS Computer Science, Math minor GPA: 3.9/4.0** 08/2020 - Present
Grad-level Coursework: Computer Networking, Intro to Machine Learning, Network Security, Deep Learning, Application Security, Cloud Computing

UC Berkeley Summer Session **GPA: 4.0/4.0** 06/2018 - 09/2018

Experience **ByteDance Shanghai | Microservice Infrastructure R&D Intern** 11/2020 - 08/2021

- Answered 50% of Oncalls for **Java SpringBoot RPC/MVC** microservice frameworks; fixed framework bugs, answered usage questions, and debugged other teams' code to resolve application-level issues.
- Integrated an inter-**microservice** call tracing module using Java and **SpringBoot** to improve scaling capabilities; pushed deployment to over 130+ engineering teams on Java-based services that had **100k+** queries per second.
- Implemented support for **Apache Thrift** RPC calling with generic types.

Foursquare | Data Delivery Engineering Intern 05/2022 - 08/2022

- Optimized **Apache Airflow** operators, reducing task completion time by 90%, and enhanced data deployers with statistics collection for ROI evaluation.

Amazon | Software Development Intern 05/2023 - 08/2023

- Reduced service log publish delay by **99%**, and allowed **Athena** queries for logs.
- Created a consistency metric using **PySpark** to align Amazon Fresh's browsing and checkout delivery times, enhancing accuracy and customer trust.
- Developed a **full stack** dashboard Webapp for the consistency metric using ReactJS, **API Gateway** and **Lambda**.

Projects **[Curta Ethereum CTF Contract](#) | Solidity Dev, System & Database Design** [Github Link](#)

- Collaborated on an **Ethereum**-based CTF protocol and developed a **TypeScript** listener to monitor contract events and update the database in real time.
- Contributed 20% of protocol code, conducted code reviews, and learned **Solidity** best practices, **Foundry** development suite, and Ethereum security.

[StreamerAI](#) | Full Stack Developer

- Designed an AI-driven virtual streamer using **ChatGPT API** and **OpenAI embeddings**, and integrated ByteDance's **TTS** for enhanced user experience.

Resumate Platform | Full Stack Developer

- Developed a **serverless** web app using **AWS** (S3, Lambda, API Gateway, SQS, Cognito.) and **GPT-3 embeddings**, streamlining job matching and networking for candidates and recruiters through a vectorized resume database and chat rooms.

Awards [ETHNYC Hackathon - Skynet track 1st place](#) 2022

[Apple Swift Student Challenge](#) 2020 & 2021

[Apple WWDC Scholarship](#) (Youngest winner from China) 2017 & 2018

[2nd Place, THE Hack Shanghai](#) 2019

2nd Place, IHS Hackathon 2016

Skills Java, Swift, Python, ReactJs, Javascript, Grafana, MySQL, C++, Apache Thrift, Airflow, Solidity